

Peak District National Park

Forecast valid from 06:00 on Sunday 10 Apr 2022 until 23:59 on Monday 11 Apr 2022

Forecast Issued on Sunday 10 Apr 2022 at 04:41

Confidence: High for largely settled conditions on Sunday. Low for detail surrounding weather systems early next week.

Headline for Sunday 10 Apr 2022: Bright and sunny but a frosty start. Cloud will build from the west turning sunshine hazy.

Mountain weather hazards on Sunday 10 Apr 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
00%	<05%	10%	<05%	10%	10%

Forecast for Sunday 10 Apr 2022

Weather: A fine and dry day after a cold and widely frosty morning. Fair weather cloud may bubble up during the morning, otherwise skies mostly clear. High level cloud will gradually spread eastwards and thicken, turning sunshine increasingly hazy. Winds will strengthen overnight.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Generally excellent visibility with superb air clarity and distant hills clearly visible.

Forecast for Sunday 10 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/6 SW	9/11 SW	9/13 SW	10/14 SW	7/10 S	10/14 SE	12/18 SE
300	3/4 SE	4/6 SE	8/12 S	8/12 SW	5/7 SE	9/14 E	9/17 SE
Valley	3/4 SE	2/5 S	6/11 S	6/12 SW	3/7 SE	7/14 E	7/16 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-2	2/-2	4/1	6/3	6/4	5/2	4/-0
300	2/1	4/3	7/5	9/7	8/7	8/5	6/3
Valley	1/-0	5/4	9/7	10/9	9/8	8/6	6/4
Freezing Level*	500m	500m	700m	900m	1000m	1000m	1000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A cold and frosty morning making some surfaces a little slippery underfoot. Warm layers advised due to cold start. Under clear skies UV levels will be moderate, some protection is suggested.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 10 Apr 2022	13.8mm	19.8mm	20.2mm

Forecast for Monday 11 Apr 2022

Weather: A cloudy and dry morning, but with strong gusty winds and a risk of summit gales. A band of showery rain is expected to push northwards across the park during the afternoon, perhaps heavy at times. Winds easing during the evening. A more organised and prolonged area of rain is expected to reach the park by dawn.

Maximum wind: Easterly or southeasterly 15-25mph at low levels but 30-40mph across peaks, with gusts to 50mph.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Broken to overcast cloud bases generally well above summits. Cloud banks may lower in rain to cover highest peaks by dawn. Visibility generally good, but moderate in rain.

Temperature: **Valleys:** Plus 4 Celsius rising to Plus 13 Celsius
At 600m: Plus 2 Celsius rising to Plus 9 Celsius.
Freezing level: Generally at or slightly above highest peaks.